

Montana Board of Oil and Gas Conservation  
Environmental Assessment

Operator: EOG Resources, Inc.

Well Name/Number: Caroline 1-32H

Location: NW NW 32T26N R53E

County: Richland, MT; Field (or Wildcat) w/c

Air Quality

(possible concerns)

Long drilling time no

Unusually deep drilling (high horsepower rig) no

Possible H2S gas production No

In/near Class I air quality area no

Air quality permit for flaring/venting (if productive) no

Mitigation:

   Air quality permit (AQB review)

   Gas plants/pipelines available for sour gas

   Special equipment/procedures requirements

   Other: \_\_\_\_\_

Comments:   No special concerns

Water Quality

(possible concerns)

Salt/oil based mud no

High water table no

Surface drainage leads to live water no

Water well contamination no

Porous/permeable soils no

Class I stream drainage no

Mitigation:

xx Lined reserve pit

xx Adequate surface casing

   Berms/dykes, re-routed drainage

   Closed mud system

   Off-site disposal of solids/liquids (in approved facility)

   Other: \_\_\_\_\_

Comments:   will use fresh water mud/oil base in build section and produced water in laterals

Soils/Vegetation/Land Use

(possible concerns)

Stream crossings no

High erosion potential no

Loss of soil productivity no

Unusually large wellsite no

Damage to improvements no

Conflict with existing land use/values no

Mitigation

   Avoid improvements (topographic tolerance)

   Exception location requested

xx Stockpile topsoil

   Stream Crossing Permit (other agency review)

xx Reclaim unused part of wellsite if productive

   Special construction methods to enhance reclamation

   Other: \_\_\_\_\_

Comments:   Location requires about 20' fill on low corner and 10' cut on high corner

Health Hazards/Noise

(possible concerns)

Proximity to public facilities/residences over ½ mile

Possibility of H2S No

Size of rig/length of drilling time

Mitigation:

xx Proper BOP equipment

   Topographic sound barriers

   H2S contingency and/or evacuation plan

\_\_\_ Special equipment/procedures requirements

\_\_\_ Other: \_\_\_\_\_

Comments: no special concerns

**Wildlife/recreation**

(possible concerns)

Proximity to sensitive wildlife areas (DFWP identified) no

Proximity to recreation sites none in immediate area

Creation of new access to wildlife habitat no

Conflict with game range/refuge management no

Threatened or endangered Species no

Mitigation:

\_\_\_ Avoidance (topographic tolerance/exception)

\_\_\_ Other agency review (DFWP, federal agencies, DSL)

\_\_\_ Screening/fencing of pits, drillsite

\_\_\_ Other: \_\_\_\_\_

Comments: No special concerns.

**Historical/Cultural/Paleontological**

(possible concerns)

Proximity to known sites none identified

Mitigation

\_\_\_ avoidance (topographic tolerance, location exception)

\_\_\_ other agency review (SHPO, DSL, federal agencies)

\_\_\_ Other: \_\_\_\_\_

Comments: no concerns -on private

**Social/Economic**

(possible concerns)

\_\_\_ Substantial effect on tax base

\_\_\_ Create demand for new governmental services

\_\_\_ Population increase or relocation

Comments: no special concerns

**Remarks or Special Concerns for this site**

Well is a 13,900' (MD) dual lateral Bakken horizontal test TSU is 1280 acres approved as Docket 230-03

**Summary: Evaluation of Impacts and Cumulative effects**

Only minor, short term impacts associated with this project.

I conclude that the approval of the subject Notice of Intent to Drill (does/does not) constitute a major action of state government significantly affecting the quality of the human environment, and (does/does not) require the preparation of an environmental impact statement.

Prepared by (BOGC): [Signature]

(title): Administrator

Date: December 24, 2003

Other Persons Contacted:

\_\_\_\_\_  
(Name and Agency)

\_\_\_\_\_  
(subject discussed)

\_\_\_\_\_  
(date)

If location was inspected before permit approval:

Inspection date: \_\_\_\_\_

Inspector: \_\_\_\_\_

Others present during inspection: \_\_\_\_\_